



A.D. 1856 . . . . . N<sup>o</sup> 239.

SPECIFICATION

OF

JAMES FLEMING AND GEORGE FYFE.

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FURNACES.  
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LONDON:

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**Furnaces.**

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*(This Invention received Provisional Protection, but notice to proceed with the application for Letters Patent was not given within the time prescribed by the Act.)*

**PROVISIONAL SPECIFICATION** left by James Fleming and George Fyfe at the Office of the Commissioners of Patents, with their Petition, on the 29th January 1856.

We, JAMES FLEMING, Engine Keeper, of Glasgow, and GEORGE FYFE, Mill-  
5 wright, also of Glasgow, in the County of Lanark, do hereby declare the nature of the said Invention for “THE CONSUMPTION OF SMOKE IN ENGINE AND OTHER FIRES” to be as follows; and consists in placing a wall or division upon or between the centre of the furnace bars and nearly the length of the bars. Each side of the wall or division is provided with a damper (at the bridge),  
10 so that at the time of firing on one side of the wall the damper on that side is to be closed, and the smoke made to come back and travel over the fire on the other side of the wall and then consumed, the damper on that side being opened.

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Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,  
Printers to the Queen’s most Excellent Majesty. 1856.

